

### **ABSTRACT**

The present invention is a headlamp and headlamp assembly that utilizes light emitting diodes as a light source. The light emitting diode headlamp and headlamp assembly effectively emanates white light and is capable of low beam and high beam functions. The light emitting diode headlamps comprise high-flux light emitting diodes, a reflector subassembly, and a first and second light transmissive member.